INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2003/000750

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B02C 19/06, B02C 23/00, B02C 25/00
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B02C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

| C. DOCU | MENTS CONSIDERED TO BE RELEVANT | |
|-----------|--|-----------------------|
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | WO 9836840 A1 (MICROPULVA LTD. OY), 27 August 1998 (27.08.1998), page 6, line 12 - line 27, figures 2, 3 | 1-11 |
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| Α | WO 8801906 A1 (LAROX OY), 24 March 1988 (24.03.1988) | 1-11 |
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| A | US 5143303 A (JOUKO NIEMI), 1 Sept 1992 (01.09.1992), column 1, line 30 - column 2, line 57 | 1-11 |
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| A | US 4720049 A (JOUKO NIEMI), 19 January 1988 (19.01.1988), column 2, line 53 - line 62 | 1-11 |
| | | |

| "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed | | "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone | | |
|--|---|--|--|--|
| | | "\Y" | document of particular relevance: the claimed invention cannot be considered to involve-an-inventive-step-when-the-document is combined with one or more other such documents, such combination being-obvious to a person skilled in-the-art document member of the same patent family | |
| Date of the actual completion of the international search | | Date of mailing of the international search report | | |
| _28_April 2004 | | | 0 -5052004- | |
| Name and mailing address of the ISA/ | | Authorized officer | | |
| Swedish Patent Office Box 5055, S-102 42 STOCKHOLM | | Nils Engnell/MP | | |
| | Simile No. +46 8 666 02 86 | I eleph | one No. +46 8 782 25 00 | |
| OLIII | PCT/ISA/210 (second sheet) (January 2004) | | | |

See patent family annex.

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

Special categories of cited documents:

Further documents are listed in the continuation of Box C.

document defining the general state of the art which is not considered to be of particular relevance

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2003/000750

| | | PC1/F1 200. | |
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| C (Continua | ation). DOCUMENTS CONSIDERED TO BE RELEVANT | · · · · · · · · · · · · · · · · · · · | |
| | Citation of document, with indication, where appropriate, of the rele | vant passages | Relevant to claim No |
| Α . | RU 2149062 C1 (OTKRYTOE AKTSIONERNOE OBSHCHES 20 May 2000 (20.05.2000), abstract | 1-11 | |
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INTERNATIONAL SEARCH REPORT Information on patent family members

31/03/2004

International application No.

PCT/FI 2003/000750

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| WO | 8801906 | A1 | 24/03/1988 | AU DK EP ES FI FI NO | 6727587 A 253788 A 0328516 A 2003950 A 77168 B 863647 A 882027 A | 07/04/1988 09/05/1988 23/08/1989 01/12/1988 31/10/1988 30/05/1988 |
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| US | 4720049 | A | 19/01/1988 | AT DE DK DK EP SE FI JP NO NO NO | 50162 T 3575876 D 155871 B, 275186 A 0197095 A, 0197095 T3 69255 B, 844028 A 3078145 B 62500504 T 163216 B, 862341 A | 11/06/1986 B 15/10/1986 C 30/09/1989 13/04/1986 12/12/1993 05/03/1983 |
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